1 8 APR 2001

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ____ a Designated Office (37 CFR 1.494), x an Elected Office (37 CFR 1.495).

   x U.S. Basic National Fee   Indication of Small Entity Status
   x Copy of the international application.   x Translation of the international application into English.
     Oath or Declaration of inventor(s).   Translation of Article 19 amendments into English.
     Copy of Article 19 amendments   other
   . Priority Document
     The International Preliminary Examination Report in English and its Annexes, if any
     Translation of Annexes to the International Preliminary Examination Report into English

2. x Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

   x U.S. Basic National Fee   x Copy of the international application

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371.

   a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date
      The current translation is defective for the reasons indicated on the attached Notice of Defective Translation

   b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f))

   x c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date
      The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/921?

   d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e))

4. Additional claim fees of $ _____ as a ____ large entity ____ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875

5. Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920

ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a)

6. If box 4a or 4c is checked, a translation of the Annexes MUST be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date
   The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 or 30 months from the priority date

A copy of this notice MUST be returned with this response.

Anita D. Johnson

Telephone